



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

|                        |                        |
|------------------------|------------------------|
| Patent Number          | 7,060,020              |
| Issue Date             | June 13, 2006          |
| First Named Inventor   | Richard A. Terwilliger |
| Art Unit               | 3736                   |
| Examiner Name          | Gilbert, Samuel G.     |
| Attorney Docket Number | WORLD-01000US1         |

**ENCLOSURES (Check all that apply)**

|  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)<br><input checked="" type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input checked="" type="checkbox"/> Petition Under 37 C.F.R. 1.183<br><input type="checkbox"/> Petition to Convert to a Provisional<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input checked="" type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
|--|---|---|

☐ Enclosures

Copy of recorded assignment from Gary Lamoureux to Worldwide Medical Technologies, L.L.C.  
Copy of recorded assignment from Richard A. Terwilliger to IdeaMatrix, Inc.  
Retrun Postcard

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                    |              |        |
|--------------|--------------------|--------------|--------|
| Firm Name    | Fliesler Meyer LLP | Customer No. | 23910  |
| Signature    |                    |              |        |
| Printed name | Jeffrey R. Kurin   |              |        |
| Date         | July 6, 2006       | Reg. No.     | 41,132 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |             |      |        |
|-----------------------|-------------|------|--------|
| Signature             |             |      |        |
| Typed or printed name | Mathew Otts | Date | 7/6/06 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**500.00****Complete if Known**

|                      |                        |
|----------------------|------------------------|
| Patent Number        | 7,060,020              |
| Issue Date           | June 13, 2006          |
| First Named Inventor | Richard A. Terwilliger |
| Examiner Name        | Gilbert, Samuel G.     |
| Art Unit             | 3736                   |
| Attorney Docket No.  | WORLD-01000US1         |

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 06-1325 Deposit Account Name: 23910 - Fliesler Meyer LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 300         | 150                   | 500         | 250                   | 200              | 100                   |                |
| Design           | 200         | 100                   | 100         | 50                    | 130              | 65                    |                |
| Plant            | 200         | 100                   | 300         | 150                   | 160              | 80                    |                |
| Reissue          | 300         | 150                   | 500         | 250                   | 600              | 300                   |                |
| Provisional      | 200         | 100                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description   | Fee (\$) | Small Entity Fee (\$) |
|---|----------|-----------------------|
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent            | 50       | 25                    |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200      | 100                   |
| Multiple dependent claims   | 360      | 180                   |

|   |                     |                 |                      |                                  |                 |                      |
|---|---------------------|-----------------|----------------------|----------------------------------|-----------------|----------------------|
| <b>Total Claims</b>   | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> | <b>Multiple Dependent Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| <hr/>   |                     |                 |                      |                                  |                 |                      |
| - 20 or HP = _____ x _____ = _____                                    |                     |                 |                      |                                  |                 |                      |
| HP = highest number of total claims paid for, if greater than 20      |                     |                 |                      |                                  |                 |                      |
| <b>Indep. Claims</b>  | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |                                  |                 |                      |
| <hr/>   |                     |                 |                      |                                  |                 |                      |
| - 3 or HP = _____ x _____ = _____                                     |                     |                 |                      |                                  |                 |                      |
| HP = highest number of independent claims paid for, if greater than 3 |                     |                 |                      |                                  |                 |                      |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

|   |                     |   |                 |                      |
|---|---------------------|---|-----------------|----------------------|
| <b>Total Sheets</b>   | <b>Extra Sheets</b> | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| <hr/>   |                     |   |                 |                      |
| - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____ |                     |   |                 |                      |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other: Certificate of Correction (100); Petition Fee (400) **500.00****SUBMITTED BY**

|                   |                  |                                   |              |           |              |
|-------------------|------------------|-----------------------------------|--------------|-----------|--------------|
| Signature         |                  | Registration No. (Attorney/Agent) | 41.132       | Telephone | 415.362.3800 |
| Name (Print/Type) | Jeffrey R. Kurin | Date                              | July 6, 2006 |           |              |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: WORLD-01000US1 MCF/JRK



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent

Patent No.: 7,060,020

Inventor(s): Richard A. Terwilliger and  
Gary A. Lamoureux

Issue Date: June 13, 2006

Appl. No.: 10/035,083

Filed: December 28, 2001

Title: DELIVERY SYSTEM AND METHOD FOR  
INTERSTITIAL RADIATION THERAPY

PATENT

Art Unit: 3736

Examiner: John P. Lacyk

Atty. Docket No. WORLD-01000US1

Customer No. 23910

**PETITION UNDER 37 C.F.R. 1.183**

Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

07/11/2006 YPOLITE1 00000012 10035083

01 FC:1462

400.00 OP

Sir:

Pursuant to 37 C.F.R. § 1.323, the undersigned attorney of record, as a representative of the patentee or the patentee's assignee, requests that the Assignee listed on the front page of the patent be corrected. This Petition is accompanied by a Request for Certificate of Correction, a Fee Transmittal Sheet and a check to cover the required fees.

In accordance with M.P.E.P. ¶1481:

- (A) A \$400.00 petition fee required by 37 C.F.R. 1.17(f) is enclosed;
- (B) Applicants request that 37 C.F.R. 3.81(a) be waived to permit the correct name of the assignee to be provided after issuance of the patent;
- (C) Applicants assert that the failure to include the correct assignee name on form PTOL-85B was inadvertent; and,
- (D) Applicants enclose a copy of each Notice of Recordation of Assignment Document.

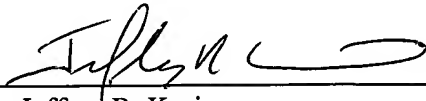
Pursuant to 37 C.F.R. § 3.81(b), a copy of the Notice of Recordation of Assignment Document from inventor Gary A. Lamoureux to Worldwide Medical Technologies, L.L.C., and a copy of the Notice of

Recordation of Assignment Document from inventor Richard A. Terwilliger to IdeaMatrix, Inc. are enclosed herewith. Each of these assignments were submitted for recordation prior to the issuance of U.S. Patent No. 7,060,020.

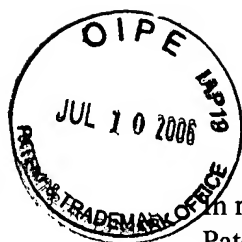
A check in the amount of \$400.00 is enclosed to cover the Petition Fee. The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

Date: July 6, 2006

By:   
Jeffrey R. Kurin  
Reg. No. 41,132

FLIESLER MEYER LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800  
Customer No. 23910



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent

Patent No.: 7,060,020  
Inventor(s): Richard A. Terwilliger and  
Gary A. Lamoureux  
Issue Date: June 13, 2006  
Appl. No.: 10/035,083  
Filed: December 28, 2001  
Title: DELIVERY SYSTEM AND METHOD FOR  
INTERSTITIAL RADIATION THERAPY

PATENT

Art Unit: 3736  
Examiner: John P. Lacyk  
Atty. Docket No. WORLD-01000US1

Customer No. 23910

**REQUEST FOR CERTIFICATE OF CORRECTION**

Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is hereby certified that errors appear in the above-identified patent. The corrections to be made in the patent are presented on the attached PTO/SB/44 form (formerly PTO-1050 form). This Request is accompanied by a Petition Under 37 C.F.R. § 1.183, a Fee Transmittal Sheet and two checks to cover the required fees.

Pursuant to 37 C.F.R. § 1.323, the undersigned attorney of record, as a representative of the patentee or the patentee's assignee, requests that the Assignee listed on the front page of the patent be corrected as follows:

At item (73), replace "IdeaMatrix, Inc., Estes Park, CO (US); part interest" with  
--Worldwide Medical Technologies, L.L.C. Oxford, CT (US) (part interest)  
IdeaMatrix, Inc., Estes Park, CO (US) (part interest)--.

In accordance with 37 C.F.R. § 3.81(b), a copy of the Notice of Recordation of Assignment Document for the assignment from inventor Gary A. Lamoureux to Worldwide Medical Technologies, L.L.C., and a copy of the Notice of Recordation of Assignment Document for the assignment from inventor Richard

07/11/2006 YPOLITE1 00000013 7060020

01 FC:1811


100.00 0P

A. Terwilliger to IdeaMatrix, Inc. are enclosed. Each of these assignments were submitted for recordation prior to the issuance of U.S. Patent No. 7,060,020.

A check is enclosed to cover the \$100.00 fee pursuant to 37 C.F.R. §1.20(a). The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325.

Respectfully submitted,

Date: July 6, 2006

By:   
Jeffrey R. Kurin  
Reg. No. 41,132

FLIESLER MEYER LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800  
Customer No. 23910

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,060,020  
DATED : 6/13/2006  
INVENTOR(S) : Richard A. Terwilliger and Gary A. Lamoureux

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At item (73), replace "IdeaMatrix, Inc., Estes Park, CO (US); part interest" with  
--Worldwide Medical Technologies, L.L.C. Oxford, CT (US); (part interest)  
IdeaMatrix, Inc., Estes Park, CO (US); (part interest)--.

**MAILING ADDRESS OF SENDER:**

Fliesler Meyer LLP  
Four Embarcadero Center, 4th Floor  
San Francisco CA 94111-4156

PATENT NO. 7,060,020

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,060,020  
DATED : 6/13/2006  
INVENTOR(S) : Richard A. Terwilliger and Gary A. Lamoureux

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At item (73), replace "IdeaMatrix, Inc., Estes Park, CO (US); part interest" with  
--Worldwide Medical Technologies, L.L.C. Oxford, CT (US); (part interest)  
IdeaMatrix, Inc., Estes Park, CO (US); (part interest)--.

**MAILING ADDRESS OF SENDER:**

Fliesler Meyer LLP  
Four Embarcadero Center, 4th Floor  
San Francisco CA 94111-4156

PATENT NO. 7,060,020

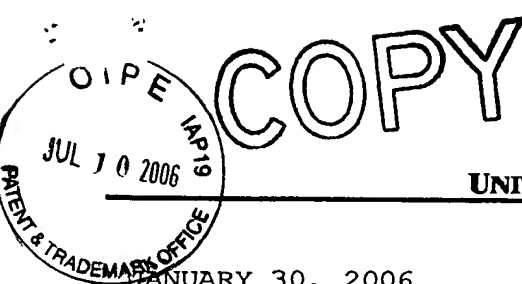
No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*





UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 30, 2006

PTAS

**\*700228233A\***

\*700228233A\*

FLIESLER MEYER, LLP  
FOUR EMBARCADERO CENTER  
SUITE 400  
SAN FRANCISCO, CA 94111

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/01/2005✓

REEL/FRAME: 017073/0913✓  
NUMBER OF PAGES: 5✓

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LAMOUREUX, GARY

DOC DATE: 10/28/2005✓

ASSIGNEE:

WORLDWIDE MEDICAL TECHNOLOGIES,✓  
L.L.C.  
115 HURLEY ROAD, BUILDING 3  
OXFORD, CONNECTICUT 06478

SERIAL NUMBER: 10035083

FILING DATE: 12/28/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY

Fliesler Meyer LLP  
File: WORLD - 01000058  
Action Item: \_\_\_\_\_  
Date Due: \_\_\_\_\_  
Control Date: \_\_\_\_\_  
Attorney: SM/JLK  
Docketed By: Jcm  
Verified By: \_\_\_\_\_

017073/0913 PAGE 2

SERIAL NUMBER: 10162006 FILING DATE: 06/04/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING  
STRANDS CONSTRUCTED WITH EXTRUDED STRAND HOUSINGS

SERIAL NUMBER: 10162547 FILING DATE: 06/04/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING  
SEED ELEMENTS WITH ENDS HAVING ONE OF PROJECTIONS AND INDENTATIONS

SERIAL NUMBER: 10397940 FILING DATE: 03/26/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY

SERIAL NUMBER: 10619928v FILING DATE: 07/15/2003v  
PATENT NUMBER: 6997862v ISSUE DATE: 02/14/2006,  
TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING  
SEED STRANDS WITH CUSTOM END SPACING,

SERIAL NUMBER: 10682359 FILING DATE: 10/09/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: SHIELDED TRANSPORT FOR MULTIPLE BRACHYTHERAPY IMPLANTS WITH  
INTEGRATED MEASURING AND CUTTING BOARD

SERIAL NUMBER: 10705133 FILING DATE: 11/10/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING  
SEED STRANDS CONSTRUCTED WITH PREFORMED STRAND HOUSING

SERIAL NUMBER: 10716328 FILING DATE: 11/18/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR MAKING TREATMENT STRANDS

SERIAL NUMBER: 10987141 FILING DATE: 11/12/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: DELIVERY SYSTEM AND PRESCRIPTION METHOD FOR INTERSTITIAL RADIATION  
THERAPY USING ENHANCED PARAMETRIC RELEASE STERILIZATION TECHNIQUES

SERIAL NUMBER: 10162548 FILING DATE: 06/04/2002  
PATENT NUMBER: 6761680 ISSUE DATE: 07/13/2004  
TITLE: DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIATION THERAPY USING  
SEED STRANDS CONSTRUCTED WITH PREFORMED STRAND HOUSING

SERIAL NUMBER: 10132930 FILING DATE: 04/26/2002  
PATENT NUMBER: 6786858 ISSUE DATE: 09/07/2004  
TITLE: IMPROVED DELIVERY SYSTEM AND METHOD FOR INTERSTITIAL RADIOTHERAPY  
USING HOLLOW SEEDS

SERIAL NUMBER: 10162546 FILING DATE: 06/04/2002  
PATENT NUMBER: 6820318 ISSUE DATE: 11/23/2004  
TITLE: SYSTEM FOR MANUFACTURING INTERSTITIAL RADIATION THERAPY SEED STRANDS

017073/0913 PAGE 3

JOANN STEWART, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

12/01/2005  
700228233

Form PTO-1595 (Rev. 07/05)  
OMB No. 0851-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Gary Lamoureux

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 28, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**2. Name and address of receiving party(ies)**

Name: WorldWide Medical Technologies, L.L.C.

Internal Address: \_\_\_\_\_

Street Address: 115 Hurley Road, Building 3

City: Oxford

State: Connecticut

Country: U.S.A. Zip: 06478

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s) 10/035,083;  
10/162,006; 10/162,547; 10/397,940;  
10/619,928; 10/682,359; 10/705,133;  
10/716,328; 10/987,141

B. Patent No.(s) 6,761,680; 6,786,858;  
6,820,318

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Sheldon R. Meyer

Internal Address: Fliesler Meyer, LLP

Customer Number 23910

Street Address: Four Embarcadero Center,  
Fourth Floor

City: San Francisco

State: CA Zip: 94111-4156

Phone Number: 415.362.3800

Fax Number: 415.362.2928

Email Address: srm@fdml.com

**6. Total number of applications and patents involved: 12**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 480.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 06-1325

Authorized User Name Fliesler Meyer, LLP

**9. Signature:**

Signature

12/2/2005

Date

Sheldon R. Meyer, Reg. No. 27,660

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

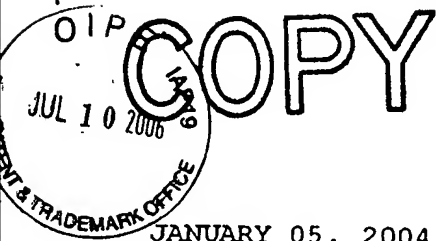
5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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Attorney Docket No.: WORLD-00300US0 SRM  
srm/world/0300/AssignRecordCoverSheet.pdf

FILED 10035003 061325 480.00

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JANUARY 05, 2004

PTAS

FLIESLER DUBB MEYER, ET AL.  
SHELDON R. MEYER  
4 EMBARCADERO CENTER  
4TH FLOOR  
SAN FRANCISCO, CA 94111

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/31/2003 ✓

REEL/FRAME: 014227/0296 ✓  
NUMBER OF PAGES: 11 ✓

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TERWILLIGER, RICHARD A.

DOC DATE: 12/09/2003 ✓

ASSIGNEE:

IDEAMATRIX, INC. ✓  
P.O. BOX 2777  
ESTES PARK, COLORADO 80517

SERIAL NUMBER: 60336329  
PATENT NUMBER:

FILING DATE: 11/02/2001  
ISSUE DATE:

SERIAL NUMBER: 10035083  
PATENT NUMBER:

FILING DATE: 12/28/2001  
ISSUE DATE:

SERIAL NUMBER: 60360241  
PATENT NUMBER:

FILING DATE: 02/26/2002  
ISSUE DATE:

Fliesler Meyer LLP

File: WORLD - 01000018

Action Item: /

Date Due: /

Critical Date: /

Attorney Path: SPM/JKK

Docketer: JKM

Verifier: /

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|   |   |
|---|---|
| SERIAL NUMBER: 60360237<br>PATENT NUMBER:         | FILING DATE: 02/26/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 60360272<br>PATENT NUMBER:         | FILING DATE: 02/26/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10162548<br>PATENT NUMBER:         | FILING DATE: 06/04/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10162546<br>PATENT NUMBER:         | FILING DATE: 06/04/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10162006<br>PATENT NUMBER:         | FILING DATE: 06/04/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10397940<br>PATENT NUMBER:         | FILING DATE: 03/26/2003<br>ISSUE DATE:            |
| SERIAL NUMBER: 60469940<br>PATENT NUMBER:         | FILING DATE: 05/13/2003<br>ISSUE DATE:            |
| SERIAL NUMBER: 60523501<br>PATENT NUMBER:         | FILING DATE:<br>ISSUE DATE:                       |
| SERIAL NUMBER: 10619928<br>PATENT NUMBER:         | FILING DATE: 07/15/2003<br>ISSUE DATE:            |
| SERIAL NUMBER: 10705133<br>PATENT NUMBER:         | FILING DATE:<br>ISSUE DATE:                       |
| SERIAL NUMBER: 60360299<br>PATENT NUMBER:         | FILING DATE: 02/26/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10162547<br>PATENT NUMBER:         | FILING DATE: 06/04/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 60360260<br>PATENT NUMBER:         | FILING DATE: 02/26/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10132930<br>PATENT NUMBER:         | FILING DATE: 04/26/2002<br>ISSUE DATE:            |
| SERIAL NUMBER: 10716328<br>PATENT NUMBER:         | FILING DATE:<br>ISSUE DATE:                       |
| SERIAL NUMBER: 10716333<br>PATENT NUMBER:         | FILING DATE:<br>ISSUE DATE:                       |
| SERIAL NUMBER: 10682359<br>PATENT NUMBER:         | FILING DATE:<br>ISSUE DATE:                       |
| SERIAL NUMBER: 09983463<br>PATENT NUMBER: 6554760 | FILING DATE: 10/24/2001<br>ISSUE DATE: 04/29/2003 |

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SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12/31/2003  
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## RECORDATION FORM COVER SHEET

## PATENTS ONLY

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U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Richard A. Terwilliger

## 2. Name and address of receiving party(ies)

Name: IdeaMatrix, Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Street Address: P.O. Box 2777

City: Estes Park State: CO Zip: 80517

Execution Date: 12/09/2003

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) see Exhibit A

B. Patent No.(s) see Exhibit A

Additional numbers attached? ☒ Yes ☐ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sheldon R. Meyer

Internal Address:

Fleisher Dubb Mayer &amp; Lovejoy LLP

Fourth Floor

Street Address: Four Embarcadero Center

City: San Francisco State: CA Zip: 94111

## 6. Total number of applications and patents involved: 21

7. Total fee (37 CFR 3.41): \$ 840.00



Enclosed



Authorized to be charged to deposit account

## 8. Deposit account number:

06-1325

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## 9. Signature.

Sheldon R. Meyer

Name of Person Signing

Signature

12/31/03

Date

Total number of pages (including cover sheet, attachments, and documents): 11

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231



**EXHIBIT A**

1. U.S. Provisional Application No. 60/336,329  
Filed: November 2, 2001  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System for Interstitial Radiation Therapy"  
Attorney Docket No.: WORLD-01000US0
2. U.S. Patent Application No. 10/035,083  
Filed: December 28, 2001  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy"  
Attorney Docket No.: WORLD-01000US1
3. U.S. Provisional Application No. 60/360,241  
Filed: February 26, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands Constructed With Preformed Strand Housing"  
Attorney Docket No.: WORLD-01000US2
4. U.S. Provisional Application No. 60/360,237  
Filed: February 26, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "System for Manufacturing Interstitial Radiation Therapy Seed Strands"  
Attorney Docket No.: WORLD-01000US3
5. U.S. Provisional Application No. 60/360,272  
Filed: February 26, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Strands Constructed with Extruded Strand Housings"  
Attorney Docket No.: WORLD-01000US4
6. U.S. Patent Application No. 10/162,548  
Filed: June 4, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands Constructed with Preformed Strand Housing"  
Attorney Docket No.: WORLD-01000US5
7. U.S. Patent Application No. 10/162,546  
Filed: June 4, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "System for Manufacturing Interstitial Radiation Therapy Seed Strands"  
Attorney Docket No.: WORLD-01000US6

**EXHIBIT A**

8. U.S. Patent Application No. 10/162,006  
Filed: June 4, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Strands Constructed with Extruded Strand Housings"  
Attorney Docket No.: WORLD-01000US7
9. U.S. Patent Application No. 10/397,940  
Filed: March 26, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy"  
Attorney Docket No.: WORLD-01000US8
10. U.S. Provisional Application No. 60/469,940  
Filed: May 13, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands with Custom End Spacing"  
Attorney Docket No.: WORLD-01000US9
11. U.S. Provisional Application No. 60/523,501  
Filed: November 19, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Prescription Method for Interstitial Radiation Therapy Using Enhanced Parametric Release Sterilization Techniques"  
Attorney Docket No.: WORLD-01000USA
12. U.S. Patent Application No. 10/619,928  
Filed: July 15, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands with Custom End Spacing"  
Attorney Docket No.: WORLD-01000USB
13. U.S. Patent Application No. 10/705,133  
Filed: November 10, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands Constructed with Preformed Strand Housing"  
Attorney Docket No.: WORLD-01000USD
14. U.S. Provisional Application No. 60/360,299  
Filed: February 26, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Elements with Ends Having One of Projections and Indentations"  
Attorney Docket No.: WORLD-01003US0

**EXHIBIT A**

15. U.S. Patent Application No. 10/162,547  
Filed: June 4, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Elements with Ends Having One of Projections and Indentations"  
Attorney Docket No.: WORLD-01003US1
16. U.S. Provisional Application No. 60/360,260  
Filed: February 26, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Improved Delivery for Interstitial Radiotherapy Using Hollow Seeds"  
Attorney Docket No.: WORLD-01004US0
17. U.S. Patent Application No. 10/132,930  
Filed: April 26, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Improved Delivery System and Method for Interstitial Radiotherapy Using Hollow Seeds"  
Attorney Docket No.: WORLD-01004US1
18. U.S. Patent Application No. 10/716,328  
Filed: November 18, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Improved Delivery for Interstitial Using Hollow Seeds"  
Attorney Docket No.: WORLD-01004US2
19. U.S. Patent Application No. 10/716,333  
Filed: November 18, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Improved Delivery for Interstitial Using Hollow Seeds"  
Attorney Docket No.: WORLD-01004US3
20. U.S. Patent No. 6,554,760  
Issued: April 29, 2003  
U.S. Patent Application No. 09/983,463  
Filed: October 24, 2001  
Inventors: Gary A. Lamoureux and Richard A. Terwilliger  
Title: "Pre-Loaded Needle Assembly"  
Attorney Docket No.: WORLD-01006US0

EXHIBIT A

21. U.S. Patent Application No. 10/682,359  
Filed: October 9, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Shielded Transport for Multiple Brachytherapy Implants with  
Integrated Measuring and Cutting Board"  
Attorney Docket No.: WORLD-01011US0

**INVENTOR TO CORPORATE  
ASSIGNMENT OF PATENTS, APPLICATIONS, AND INVENTIONS**

WHEREAS, Richard A. Terwilliger, an individual, having a residence at 16 Three Mile Hill Road, Middlebury, Connecticut 06762 (hereinafter "ASSIGNOR"), is the owner of certain rights, title and interest in the following Letters Patents and applications therefor:

1. U.S. Provisional Application No. 60/336,329  
Filed: November 2, 2001  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System for Interstitial Radiation Therapy"  
Attorney Docket No.: WORLD-01000US0
2. U.S. Patent Application No. 10/035,083  
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Filed: February 26, 2002  
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Filed: June 4, 2002  
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Attorney Docket No.: WORLD-01000US5

7. U.S. Patent Application No. 10/162,546  
Filed: June 4, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "System for Manufacturing Interstitial Radiation Therapy Seed Strands"  
Attorney Docket No.: WORLD-01000US6
8. U.S. Patent Application No. 10/162,006  
Filed: June 4, 2002  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Strands Constructed with Extruded Strand Housings"  
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Title: "Delivery System and Method for Interstitial Radiation Therapy"  
Attorney Docket No.: WORLD-01000US8
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Filed: May 13, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands with Custom End Spacing"  
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11. U.S. Provisional Application No. 60/523,501  
Filed: November 19, 2003  
Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Delivery System and Prescription Method for Interstitial Radiation Therapy Using Enhanced Parametric Release Sterilization Techniques"  
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Filed: July 15, 2003  
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Title: "Delivery System and Method for Interstitial Radiation Therapy Using Seed Strands with Custom End Spacing"  
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Inventors: Richard A. Terwilliger and Gary A. Lamoureux  
Title: "Shielded Transport for Multiple Brachytherapy Implants with Integrated Measuring and Cutting Board"  
Attorney Docket No.: WORLD-01011US0

WHEREAS, PATENT PROPERTY shall include each and all of the following:

(a) the foregoing Letters Patents and applications therefor and the inventions disclosed therein, and all embodiments of such inventions owned by ASSIGNOR;

(b) all rights to apply in any and all countries of the world for patents, certificates of invention or other governmental grants on said inventions, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding;

(c) any and all applications filed and any and all patents, certificates of invention or other governmental grants granted on said inventions in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications;

(d) each and every reissue or extension of any of said patents;

(e) each and every patent claim resulting from a reexamination certificate for any and all of said patents, and

(f) the right to sue for and all claims for damages, profits or other recovery resulting from infringement, including past infringement, of any of the foregoing.

WHEREAS, IdeaMatrix, Inc., a corporation organized and existing under the laws of the State of Colorado and having a principal place of business at P.O. Box 2777, Estes Park, Colorado 80517 (hereinafter "ASSIGNEE") is to acquire from ASSIGNOR, ASSIGNOR'S entire right, title and interest in and to said Patent Property.



NOW THEREFORE, for good and valuable consideration acknowledged by said ASSIGNOR to have been received in full from said ASSIGNEE:

1. ASSIGNOR hereby sells, assigns, transfers and otherwise conveys to ASSIGNEE, and ASSIGNEE's successors, legal representatives and assigns, the ASSIGNOR'S entire right, title and interest in and to the PATENT PROPERTY.

2. ASSIGNOR further agrees to execute and cause to be executed such additional instruments as may be necessary or desirable to confirm the transfer of rights as herein contemplated, to record the transfer of rights in the United States and throughout the world, and to permit ASSIGNEE, and ASSIGNEE's successors, legal representatives and assigns to enforce the PATENT PROPERTY.

IN WITNESS WHEREOF, ASSIGNOR has caused this instrument to be executed and delivered to ASSIGNEE this 9<sup>th</sup> day of December, 2003 in the State of Connecticut

By: \_\_\_\_\_

Richard A. Terwilliger

State of Connecticut )

County of New Haven )

On Dec. 9, 2003 before me, Dana Radice  
(name and title of officer)

personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Da PL* cx 7-31-07

\*\*\*\*\*